

Screenshot of Model Assumptions as Entered into Model

Model Inputs (Multiplicative Discount Factors)
Discount Factors & Assumptions

Weighted % for Incidence Rates	
Plaintiff	50%
Non-Plaintiff	25%
Deceased Non-Plaintiff	12.5%
Weighted Counts?	TRUE

Exclude?	
When DOD is before	TRUE
% Excluded	1/1/2006 50%

Discount Factor	
Assumption	Multiplicative
Final Age at Diagnosis	87
Max Age	87
Cash Flow Assumptions	
Interest Rate	4.50%
Inflation Rate	2.00%
Years of Payment	1
Dementia Progression	Years 5

Benefit by Level of Cognitive Impairment						
Cognitive Impairment	Headline Award	% of Population	% of Plaintiff	% of Non-Plaintiff	% of Deceased (Plaintiffs)	% of Deceased (Non-Plaintiffs)
None	0	95%	95%	97%	0%	99%
Level 1.5	1,500,000	1%	2%	1%	40%	1%
Level 2	3,300,000	2%	3%	1%	55%	1%
ALS	5,000,000	0%	0%	0%	5%	0%
CTE	4,000,000	0%	0%	0%	0%	0%
Age at Diagnosis - Reduction Factors						
Age	None	Level 1.5	Level 2	ALS	CTE	
44 & younger	0%	0%	0%	0%	0%	
45 - 49	0%	37%	35%	10%	20%	
50 - 54	0%	60%	56%	20%	43%	
55 - 59	0%	68%	67%	30%	65%	
60 - 64	0%	81%	76%	40%	70%	
65 - 69	0%	87%	84%	50%	75%	
70 - 74	0%	93%	90%	65%	85%	
75 - 79	0%	97%	97%	80%	96%	
80+	0%	98%	98%	94%	99%	

Initial Age at Diagnosis	
Age	Lookup
49 & younger	20
50 - 59	50
60 - 69	60
70 - 79	70
80+	80
	85

Level Progression	
None	1.0%
To Level 1.5	1.0%
To Level 2	25%
ALS	0%
CTE	0%

Others - Distribution	
Item	Population
Participation	60%
No Exam Diagnosis	25%
Stroke	5%
TBI from other inc	4%
Non-Plaintiff	95%
Plaintiff	25%
Deceased Plaintiff	5%
Deceased Non-Plaintiff	5%
Deceased Plaintiff	50%
Deceased Non-Plaintiff	50%

Illustrative

In re: NFL Players' Concussion Injury Litigation, MDL 2323, Exhibit D

Condition	Level of Cognitive Impairment	Counts	Wrd Counts
ALS_D	ALS	9	9
PARKINSONS_D	Level 2	5	5
DEMENTIA_D	Level 2	58	58
ALZHEIMERS_D	Level 2	29	29
9_OR_MORE_DEFICITS_D	Level 1.5	42	21
8_DEFICITS_D	Level 1.5	21	11
7_DEFICITS_D	None	41	41
6_DEFICITS_D	None	32	32
5_DEFICITS_D	None	45	45
4_DEFICITS_D	None	67	67
3_DEFICITS_D	None	58	58
9_OR_MORE_DEFICITS_SR	None	130	0
8_DEFICITS_SR	None	77	0
7_DEFICITS_SR	None	90	0
6_DEFICITS_SR	None	94	0
5_DEFICITS_SR	None	128	0
4_DEFICITS_SR	None	159	0
3_DEFICITS_SR	None	182	0
NEURO_COG_D	Level 1.5	69	35
Neuro_COG_SR	None	248	0
CTE	CTE		

Condition	Impairment 1	Impairment 2	% of Impair1
ALS_D	Level 3	Level 3	100%
PARKINSONS_D	Level 2	Level 2	100%
DEMENTIA_D	Level 2	Level 2	100%
ALZHEIMERS_D	Level 2	Level 2	100%
9_OR_MORE_DEFICITS_D	Level 1.5	None	50%
8_DEFICITS_D	Level 1.5	None	50%
7_DEFICITS_D	None	None	100%
6_DEFICITS_D	None	None	100%
5_DEFICITS_D	None	None	100%
4_DEFICITS_D	None	None	100%
3_DEFICITS_D	None	None	100%
9_OR_MORE_DEFICITS_SR	None	None	100%
8_DEFICITS_SR	None	None	100%
7_DEFICITS_SR	None	None	100%
6_DEFICITS_SR	None	None	100%
5_DEFICITS_SR	None	None	100%
4_DEFICITS_SR	None	None	100%
3_DEFICITS_SR	None	None	100%
NEURO_COG_D	Level 1.5	None	50%
Neuro_COG_SR	None	None	100%
CTE	Level 4	Level 4	100%